

Title (en)
SILENCER

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EP 0379160 B1 19920617 (DE)

Application
EP 90100877 A 19900117

Priority
DE 3901335 A 19890118

Abstract (en)
[origin: EP0379160A1] The silencer has a pot-like housing (2) with a connection pipe (5). Two identically formed perforated discs (13), laterally inverted in relation to one another, are integrated in the housing (2) so that their disc areas (17) are located at a distance from one another. The disc areas (17) are penetrated by a large number of perforations (18) of small cross section and a few perforations (19) of large cross section. The perforations (19) of large cross section ensure that, even if some of the perforations (18) of small cross section become clogged, an adequately large exhaust cross section through the silencer is maintained. If the air flowing through the silencer is only slightly polluted, a damping element which is penetrated by micro air ducts can be inserted between the disc areas (17) of the two perforated discs (13), thereby intensifying the damping effect. In addition, the outside of the perforated disc (13) remote from the connection pipe (5) may be covered by a flexibly removable disc. <IMAGE>

IPC 1-7
B60T 17/00; F01N 1/08; F16L 55/027

IPC 8 full level
B60T 17/00 (2006.01); **F01N 1/08** (2006.01); **F16L 55/027** (2006.01)

CPC (source: EP)
B60T 17/008 (2013.01)

Cited by
CN103874611A; EP0596220A1; CN111132880A; JP2020535073A; US9033100B2; US11505171B2; WO2019063350A1; WO2013026736A1; WO2023135016A1

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